

# MATERIAL SAFETY DATA SHEET

NPCA 1-72

FEB 04 1982

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP.

7/11/73

OPM 5066

## Section I

**MANUFACTURER'S NAME**

Midland Division The Dexter Corp

**STREET ADDRESS**

31500 Hayman Street

**CITY, STATE, AND ZIP CODE**

Hayward, CA 94544

**EMERGENCY TELEPHONE NO.**

(415) 471-7171

(415) 828-2753

**PRODUCT CLASS**

Solvent - Mixed

**MANUFACTURERS CODE IDENTIFICATION**

66-C-28

**TRADE NAME**

Laminar® X-500 Slow Safety Solvent Reducer

## Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT Volume	TLV		LEL	VAPOR PRESSURE @ 20° C
		PPM	mg/m³		
Ethylene Glycol Monoethyl Ether Acetate	70	100	540	1.8%	2 mm Hg
n-Butyl Acetate	10	150	710	1.7%	10
Ethyl Benzene	10	100	435	1.0%	10
Xylene	10	100	435	1.0%	10

## Section III - PHYSICAL DATA

BOILING RANGE 255-331° F

VAPOR DENSITY

☒

HEAVIER,

☐

LIGHTER, THAN AIR

EVAPORATION RATE

☐

FASTER

☒

SLOWER, THAN ETHER

PERCENT VOLATILE  
BY VOLUME

100

WEIGHT PER  
GALLON

7.85

## Section IV - FIRE AND EXPLOSION HAZARD DATA

**DOT CATEGORY**Not Regulated, combustible -  
greater than 80° F**FLASH POINT**

98° F T.O.C.

LEL see II

**EXTINGUISHING MEDIA**

Use National Fire Protection Association (NFPA) Class B Extinguishers (carbon dioxide, dry chemical or foam) designed to extinguish NFPA Class 1B flammable liquid fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed container may explode when exposed to extreme heat. Do not apply to hot surfaces.

**SPECIAL FIRE FIGHTING PROCEDURES**

Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

## Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma.

Skin or Eye Contact: Primary irritation.

EMERGENCY AND FIRST AID PROCEDURES Fumes: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Splash (eyes): Flush immediately with copious quantities of running water for at least 15 minutes. Take to a physician for definitive medical treatment. Splash (skin): Remove with soap and water. Remove contaminated clothing.

## Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

CONDITIONS TO AVOID NA

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS May produce hazardous fumes when heated to decomposition as in welding. Fumes may contain carbon monoxide, oxides of nitrogen and others.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID NA

## Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition (flames, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD Dispose of in accordance with local, state and federal regulations. Do not generate closed containers.

## Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION In outdoor or open areas use Bureau of Mines approved mechanical filter respirator to remove solid air borne particles of overspray during spray application. In restricted ventilation areas use Bureau of Mines approved chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use Bureau of Mines approved air line type respirators or hoods.

VENTILATION Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of most hazardous ingredient in Section II below acceptable limit, LEL in Section IV below stated limit, and to remove decomposition products during welding or flame cutting on surfaces coated with this product.

PROTECTIVE GLOVES Required for prolonged or repeated contact.

EYE PROTECTION Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT Prevent prolonged skin contact with contaminated clothing.

## Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store above 120°F. Store large quantities in buildings designed for storage of NFPA Class I flammable liquids.

OTHER PRECAUTIONS

Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of few inches. Do not flame cut, braze, or weld without U.S. Bureau of Mines approved respirator or appropriate ventilation.